



Jefferson Lab Alignment Group

Data Transmittal

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Checked:

#: A970

DETAILS:

Below are the results from the Dec 20, 2004 survey performed on the Hall A target ladder. The values are relative to ideal target center position (in millimeters), with +X to the beam left, +Z downstream, and +Y up.

The repeated measurement when target cell 1 was moved vertically back into beam center was on one fiducial point and represents a relative change for that fiducial only.

LOCATION	Z	X	Y
Tgt. cell 1 (top)	0.41	0.00	-0.06
Tgt. cell 2	0.59	0.35	0.06
Tgt. cell 3	0.70	0.39	0.00
Tgt. cell 4 (bot)	1.09	0.79	0.08
Tgt. cell 1 (repeat)	0.10	-0.03	0.01
Optics target beam left upstream side of support		44.45	
beam left downstream side of support		44.66	
Z position of middle foil center	0.49		
Beryllium target Centerline at upstream face of holder	0.70	-0.26	0.06
Carbon target Centerline at upstream face of holder	0.77	-0.16	-31.75
20 deg. Carbon target (20.184° measured)	1.18	-0.27	0.09